



**SAL INSTITUTE OF TECHNOLOGY & ENGINEERING RESEARCH  
AND  
SAL ENGINEERING AND TECHNICAL INSTITUTE  
Department of Computer Engineering**

**Workshop**

**On**

**“Orientation session for all students & faculties of Institute by  
Innovation Ambassador”**

**19<sup>th</sup> March, 2021**

Director : Dr. Rupesh Vasani

Principal: Prof. P M Raval

Head of Department: Prof. Sudha Patel

Speaker: Mr. Karmjitsinh Bihola

Coordinator: Prof. Janki Patel

**Date: 19/3/2021**

**Venue :**Sal Engineering and Technical Institute

**Mode of Workshop:** Online – Google meet

**Title of Workshop:** Innovation

**No. of students Participated:** 101.

**No. of faculties Participated:** 8

**No. of external Participated (if any):** Nil

**Objective:**

To know what is innovation and to learn the process of innovating a product to startup level and to gain knowledge of different markets and knows to basic pillar (key points/steps) about building a startup from 0 (ground/scratch).

**Benefits in Terms of Learning, Skills & Knowledge:**

The process of innovation is not understood by many students this workshop helped the people to gain that knowledge.

Students with/without minimal skills can do innovation.

The difference between innovation and Idea was clarified.

Gives more clear approach (thoughtfulness) about how to start thinking innovatively.

**About the Event:**

Department of Computer Engineering of SAL Engineering & Technical Institute have organized a Workshop on “Innovation” for the Students and faculties. This workshop was organized to make students aware about how to design “Innovation Process”.

**Highlights of the Workshop:**

The Webinar was scheduled on 19th of March 2021 for (B.E.) Computer Engineering Department students. The medium for this session was the Online due to the COVID-19 circumstances. Around 101 Students joined for this session on Google meet over the link. The Webinar was conducted by Mr. Karmjitsinh Bihola at 12:00 noon

The students who actively participated in this presentation session were more than 101 in number and got knowledge about Innovation. The feedback from the students was overwhelming when they came to knew about this information.

## Total Attendees.

meet.google.com/qai-eizk-zex

REC Innovation Desk is presenting Jignesh Solanki and 98 more 101 12:20 PM You

Our Education System

government the people

ENGINEERS ARE APPLYING FOR PEON POSTS

RIGHT TO EDUCATION

Meeting details Meeting controls: Mute, Video, Raise hand, Turn on captions, Innovation Desk is presenting

## Design Engineering Canvas

REC Innovation Desk is presenting Hiral Darji and 93 more 96 12:13 PM You

Meeting details Meeting controls: Mute, Video, Raise hand, Turn on captions, Innovation Desk is presenting

Skills needed to harvest to innovate a startup/ successful product.

REC Innovation Desk is presenting Happy Patel and 94 more 12:27 PM You

### 21st-Century Skills

**Foundational Literacies**  
How students apply core skills to everyday tasks

1. Literacy
2. Numeracy
3. Scientific literacy
4. ICT literacy
5. Financial literacy
6. Cultural and civic literacy

**Competencies**  
How students approach complex challenges

7. Critical thinking/creativity/problem-solving
8. Creativity
9. Communication
10. Collaboration

**Character Qualities**  
How students approach their changing environment

11. Curiosity
12. Initiative
13. Persistence/grit
14. Adaptability
15. Leadership
16. Social and cultural awareness

Lifelong Learning

Meeting details ^



Raise hand

Turn on captions

Innovation Desk is presenting

meet.google.com/qai-eizk-zex

REC Innovation Desk is presenting Kotan Patel and 79 more 12:33 PM You

### Design Thinking helps you in two broader ways -

1. Starting your own Entrepreneurial journey by creating a startup
2. Developing 21<sup>st</sup> Century skills that are required by industries/businesses nowadays

### Intrapreneur versus Entrepreneur

Intrapreneurs	Both are	Entrepreneurs
<b>Innovate within a business</b>	<b>Both are</b>	<b>Build their own business</b>
<ul style="list-style-type: none"><li>• Less risky</li><li>• Access to resources</li><li>• Job security</li></ul>	<ul style="list-style-type: none"><li>• Innovative</li><li>• Ambitious</li><li>• Leaders</li></ul>	<ul style="list-style-type: none"><li>• Increased freedom</li><li>• More responsibility</li><li>• Higher ROI</li></ul>

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Meeting details ^



Raise hand

Turn on captions

Innovation Desk is presenting

Some of the most important slides are as follow:

🚩 Innovation Ladder describing the step required for the process of innovation.

The screenshot shows a Google Meet interface. The main slide is titled "Innovation Ladder" and features a staircase diagram with four steps. Step 1 is "Companies that do not use design". Step 2 is "Companies that use design for styling or appearance". Step 3 is "Companies that integrate design into the development process". Step 4 is "Companies that consider design a key strategic element". The meeting controls at the bottom show "Innovation Desk is presenting". The participant grid on the right includes names like Nilam Thakkar, Gajjar Sahil, Shiv Patel, Agam Shah, AASHVI PATEL, Rutvik Manguk..., darshan pathak, Jignesh Solanki, Jay Lunagarriya, Parth Vadiwala, Hiral Darji, Parth Patel, DEEP JOSHI, and Kanvi Patel.

🚩 The slides displaying the connection between Startup, Idea and Entraprenurship.

The screenshot shows a Google Meet interface. The main slide displays a Venn diagram with three overlapping circles: "Business (Viability)" at the top, "PecTitle (Desirability)" on the left, and "Technology (Feasibility)" on the right. The meeting controls at the bottom show "Innovation Desk is presenting". The participant grid on the right includes names like Nilam Thakkar, Gajjar Sahil, Shiv Patel, Agam Shah, AASHVI PATEL, Rutvik Manguk..., darshan pathak, Jignesh Solanki, Parth Dave, DEEP JOSHI, Kanvi Patel, Parth Vadiwala, Hiral Darji, Heet Patel, and Harsh Prajapati.

Total 101 Students and faculties have participated & Furthered from this workshop by online mode of Google meet.

At the end of the session Speaker had given some Examples of Design innovation of multinational companies like Google, P&G, TATA, AT&T, Tesla, Apple.

He also mentioned where we can find this company's design innovation sheets for reference.

Report Prepared By:

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